


Akerman Senterfitt

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FAX COVER SHEET

From: Maggie Feliciano

Date: June 13, 2006PLEASE DELIVER 31 PAGE(S) (including cover sheet) TO:

Name: U.S. Patent and Trademark Office
Attn: Lynette T. Umez Eronini

Fax Number: (571) 273-8500

Serial No.: 10/082,010

Inventors: Rajiv SINGH et al.

Docket No.: 5853-224

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Comments/Special Instructions

As you requested, attached please find the Reply to Office Action and related papers faxed to the PTO on May 11, 2006 and a copy of the PTO Auto-Reply Facsimile Transmission dated 5/11/06.

Please do not hesitate to contact me, should you have any questions or need additional information.

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{WP312337;1}

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05-11-06 11:19 AM FAX-TO-AKERMAN SENTERFITT		5616596313	F-04 P-02 F-03
 <p>Akerman Senterfitt 561-659-6300</p>			
<p>From: Patent and Trademark Office Subject: Re: Application No. 10/622,210 Date: May 11, 2006 To: Law Office of Akerman Senterfitt, LLP Via: Fax</p> <p>FAX COVER SHEET</p> <p>From: New R. Jeter Date: May 11, 2006</p> <p>Please deliver 30 page(s) (including cover sheet) TO:</p> <p>Patent and Trademark Office Mail Stop 4M RMT/PTX Commissioner for Patents P. O. Box 1450 Washington, D. C. 20231-1450</p> <p>Attn: Law Office of Akerman Senterfitt, LLP Serial No.: 10/622,210 Inventors: Boyle, SINGH et al. Docket No.: 5457-220</p> <p>Please call (561) 633-5000, Fax 30005 if you do not receive all the pages.</p> <p>Customer/Special Instructions:</p> <p>Enclosures:</p> <ul style="list-style-type: none"> • Transmittal Form (1 page) • F or Transmittal Form (1 page) • Notice for Over-Claims; Notice of Time (3 pages) • Reply to Non-Final Office Action (17 pages) • Article (Address to Chemical-Mechanical Institution) (9 pages) • Time for Filing Reply (1 page) <p>The undersigned certifies that the transmission is on a computerized electronic-mail transmission system or has otherwise been electronic-transmitted, except only for the use of the telephone as safety-means above. If the intent of this transmission is not the electronic delivery of the complete or parts transmitted to deliver it to the intended recipient, you are hereby advised that any electronic delivery or delivery of the transmission is hereby prohibited. If you have received the communication in error, please immediately notify us by telephone and delete the received communication. Thank you.</p> <p>Transmittal No. <u>200605111034</u> Faxes No. <u>5616596313</u></p> <p>Page 1 of 1</p> <p>PAGE 1 OF 31 * RCVD AT 5/11/2006 11:19:27 AM [Eastern Daylight Time] * SVR:USPTO-EXRF-3/12 * DNIS:2731470 * CSID:5616596313 * DURATION (mm:ss):11:30</p>			

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TRANSMITTAL
FORM

(to be used for all correspondence after 11/01/2002)

Total Number of Pages in This Submission

Application Number	10/082,010
Filing Date	February 22, 2002
First Named Inventor	Rajiv K. SINGH
Art Unit	1785
Examiner Name	Urmez Eronini, Lynette T.
Attorney Docket Number	5853-224

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <input type="checkbox"/> Article (Advances in Chemical-Mechanical Planarization)
<input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD. Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> Remarks The Commissioner is authorized to charge any fee deficiencies to Deposit Account No. 50-0951
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<input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	AKERMAN SENTERFITT		
Signature			
Printed name	Neil R. Jetter		
Date	May 11, 2006	Reg. No.	46,803

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature	
Typed or printed name	Neil R. Jetter
Date	May 11, 2006

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PTO/SB/17 (12-04)

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Effective on 12/08/2004
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 60.00)

Complete if Known

Application Number	10/082,010
Filing Date	February 22, 2002
First Named Inventor	Rajiv K. SINGH
Examiner Name	Umez Eronan, Lynette T.
Art Unit	1763
Attorney Docket No.	5853-224

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

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FEES CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Small Entity Fee (\$)

50 25

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

200 100

Multiple dependent claims

360 180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 20 or MP =	x	=				

MP = highest number of total claims paid for, if greater than 20

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 3 or MP =	x	=			

MP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Fee for Petition for One-Month Extension of Time (\$60.00) \$60.00

SUBMITTED BY

Signature		Registration No 46,803 (Attorney/Agent)	Telephone 561-653-5000
Name (Print/Type)	Ned R. Jetter		Date May 11, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to the (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/22 (12-04)

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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)		Docket Number (Optional)																		
FY 2005 (Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818))		5853-224																		
Application Number 10/082,010		Filed February 22, 2002																		
For SLURRY AND METHOD FOR CHEMICAL MECHANICAL POLISHING OF METAL STRUCTURES INCLUDING REFRACTORY METAL BASED BARRIER LAYERS																				
Art Unit 1765		Examiner Umez Eronini, Lynette T																		
This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.																				
The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):																				
<table> <thead> <tr> <th></th> <th style="text-align: center;"><u>Fee</u></th> <th style="text-align: center;"><u>Small Entity Fee</u></th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))</td> <td style="text-align: center;">\$120</td> <td style="text-align: center;">\$60</td> </tr> <tr> <td><input type="checkbox"/> Two months (37 CFR 1.17(a)(2))</td> <td style="text-align: center;">\$450</td> <td style="text-align: center;">\$225</td> </tr> <tr> <td><input type="checkbox"/> Three months (37 CFR 1.17(a)(3))</td> <td style="text-align: center;">\$1020</td> <td style="text-align: center;">\$510</td> </tr> <tr> <td><input type="checkbox"/> Four months (37 CFR 1.17(a)(4))</td> <td style="text-align: center;">\$1590</td> <td style="text-align: center;">\$795</td> </tr> <tr> <td><input type="checkbox"/> Five months (37 CFR 1.17(a)(5))</td> <td style="text-align: center;">\$2160</td> <td style="text-align: center;">\$1080</td> </tr> </tbody> </table>				<u>Fee</u>	<u>Small Entity Fee</u>	<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$120	\$60	<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$450	\$225	<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1020	\$510	<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1590	\$795	<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2160	\$1080
	<u>Fee</u>	<u>Small Entity Fee</u>																		
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<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1590	\$795																		
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2160	\$1080																		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 <input type="checkbox"/> A check in the amount of the fee is enclosed <input type="checkbox"/> Payment by credit card Form PTO-2038 is attached <input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number <u>50-0951</u> . I have enclosed a duplicate copy of this sheet.																				
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I am the <input type="checkbox"/> applicant/inventor <input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71 Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96). <input checked="" type="checkbox"/> attorney or agent of record. Registration Number <u>46,803</u> <input type="checkbox"/> attorney or agent under 37 CFR 1.34. Registration number <u>1</u> acting under 37 CFR 1.34																				
Signature		May 11, 2006																		
Neil R. Jetter		Date																		
Typed or printed name		561-653-5000																		
		Telephone Number																		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

Total of 1 forms are submitted.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of: SINGH et al.

Appln No.: 10/082,010

Examiner: Umez Eronini, Lynette T.

Date Filed: February 22, 2002

Group: 1765

For: SLURRY AND METHOD FOR CHEMICAL MECHANICAL POLISHING
OF METAL STRUCTURES INCLUDING REFRACTORY METAL
BASED BARRIER LAYERS

CERTIFICATE UNDER 37 CFR 1.8(a)
I hereby certify that this correspondence addressed to Mail Stop
Amendment, Commissioner for Patents is being transmitted via
facsimile No. 571-271-8300 on May 11, 2000

Neil R. Jetter

Reg. No. 46,803

REPLY TO OFFICE ACTION

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Reply is responsive to the Office Action mailed January 11, 2006.

Amendments to the Claims are contained in the complete claim listing which appears on
pages 2-7 of this document.

Remarks/arguments begin on page 8 of this document.

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